

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2003/001513

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 A61F 2/20**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A61F 2/06, 2/20, A61M 29/00, 29/02, A61L 29/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975  
Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 20-0314211 Y1 (Yim, Hyun Cheol et al.) 23 May 2003 (23.05.2003) See the whole document, claim 1, Figs.3-4	1
Y	KR 2001-0054677 A (Lee, Gil Hwan et al.) 02 July 2001 (02.07.2001) See the whole document, Fig.5, pages 6-4	1
Y	KR 2002-0080024 A (Kweon, Byung Du et al.) 23 October 2002 (23.10.2002) See the whole document, abstract, Fig.3, claim 1	1
A	US 5674241 A (Bley et al.) 07 October 1997 (07.10.1997) See the whole document	1
A	KR 2003-0020476 A (Kang, Sung Kweon et al.) 10 March 2003 (10.03.2003) See the whole document	1
A	KR 2003-0004582 A (Lee, Jong Heon et al.) 15 January 2003 (15.01.2003) See the whole document	1
A	KR 2001-0084836 A (Kang, Sung Kweon et al.) 06 September 2001 (06.09.2001) See the whole document	1

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "&" document member of the same patent family

Date of the actual completion of the international search

27 APRIL 2004 (27.04.2004)

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**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5876448 A (Thompson et al.) 02 March 1999 (02.03.1999) See the whole document	1
A	KR 10-0295212 B1 (Shin, Kyung Min et al.) 26 April 2001 (26.04.2001) See the whole document	1
A	US 5330500 A (Song) 19 July 1994 (19.07.1994) See the whole document	1

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2003/001513

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 20-0314211 Y1	23-05-2003	NONE	
KR 2001-0054677 A	02-07-2001	NONE	
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